



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/061,944	02/01/2002	Thomas J. Schall	019934-003210US

CONFIRMATION NO. 8775

20350  
TOWNSEND AND TOWNSEND AND CREW, LLP  
TWO EMBARCADERO CENTER  
EIGHTH FLOOR  
SAN FRANCISCO, CA 94111-3834

## FORMALITIES LETTER



\*OC000000007879399\*

Date Mailed: 04/17/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/08/2002 MBERHE 00000069 201430 10061944

FILED UNDER 37 CFR 1.53(b)

01 FC:201	370.00 CH
02 FC:203	378.00 CH
03 FC:202	84.00 CH
04 FC:205	65.00 CH

**Filing Date Granted**

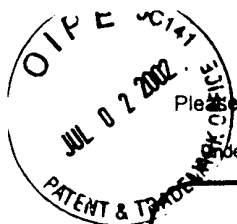
An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 370 to complete the basic filing fee for a small entity.*
- Total additional claim fee(s) for this application is \$462.
  - \$378 for 42 total claims over 20.
  - \$84 for 2 independent claims over 3.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 897.

*A copy of this notice MUST be returned with the reply.*

Thomas J. Schall, Esq.  
Attorney at Law

COPIES OF PAPERS  
ORIGINALLY FILED



Please type a plus sign (+) inside this box → ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/061,944	
	<b>Filing Date</b>	February 1, 2002	
	<b>First Named Inventor</b>	Schall, Thomas J.	
	<b>Group Art Unit</b>	1646	
	<b>Examiner Name</b>		
<b>Total Number of Pages in This Submission</b>	1	<b>Attorney Docket Number</b>	019934-003210US

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input checked="" type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Return Postcard Declaration; Power of Attorney; Verified Statement Claiming Small Entity; Statement Under 37 CFR 3.73(b); copy of Notice to File Missing Parts
<b>Remarks</b>		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

COPY OF PAPERS  
ORIGINALLY FILED

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
<b>Firm and Individual name</b>	Townsend and Townsend and Crew LLP Scott L. Aussenhus Reg. No. 42,271
<b>Signature</b>	
<b>Date</b>	6-25-02

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: June 25, 2002	
<b>Typed or printed name</b>	Maisie C. Livengood
<b>Signature</b>	
<b>Date</b>	June 25, 2002

OIP E 30141  
JUL 02 2002  
PATENT & TRADEMARK OFFICE

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 952

Complete if Known

Application Number 10.061.944  
Filing Date February 1, 2002  
First Named Inventor Schall, Thomas J  
Examiner Name  
Group Art Unit 1646  
Attorney Docket No. 019934-00321305

COPY OF TRANSMITTAL  
ORIGINAL FILED

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account  
Deposit Account Number 20-1430  
Deposit Account Name Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	370
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$370)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 62 -20\*\* = 42 Extra Claims below X \$9 = \$378  
Independent Claims 5 -3\*\* = 2 X \$42 = \$84  
Multiple Dependent X =

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
111	18	211	9	** Reissue claims in excess of 2 and over original patent

SUBTOTAL (2) \$402

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
125	130	205	65	Surcharge - late filing fee or oath	65
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	55
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
126	50	126	50	Petitions related to provisional applications	
128	180	128	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
114	140	214	70	Request for Continued Examination - RCE	
114	140	214	70	Request for expedited examination - Track 1	

Attorney's fee(s):

Fee Code 101 Fee Code 201 Fee Code 203 Fee Code 205 Fee Code 206 Fee Code 207 Fee Code 208 Fee Code 209 Fee Code 214 Fee Code 215 Fee Code 216 Fee Code 217 Fee Code 218 Fee Code 219 Fee Code 220 Fee Code 221 Fee Code 227 Fee Code 228 Fee Code 240 Fee Code 241 Fee Code 242 Fee Code 243 Fee Code 244 Fee Code 246 Fee Code 249 Fee Code 271 Fee Code 272 Fee Code 273 Fee Code 274 Fee Code 275 Fee Code 276 Fee Code 277 Fee Code 278 Fee Code 279 Fee Code 280 Fee Code 281 Fee Code 282 Fee Code 283 Fee Code 284 Fee Code 285 Fee Code 286 Fee Code 287 Fee Code 288 Fee Code 289 Fee Code 290 Fee Code 291 Fee Code 292 Fee Code 293 Fee Code 294 Fee Code 295 Fee Code 296 Fee Code 297 Fee Code 298 Fee Code 299 Fee Code 300 Fee Code 301 Fee Code 302 Fee Code 303 Fee Code 304 Fee Code 305 Fee Code 306 Fee Code 307 Fee Code 308 Fee Code 309 Fee Code 310 Fee Code 311 Fee Code 312 Fee Code 313 Fee Code 314 Fee Code 315 Fee Code 316 Fee Code 317 Fee Code 318 Fee Code 319 Fee Code 320 Fee Code 321 Fee Code 322 Fee Code 323 Fee Code 324 Fee Code 325 Fee Code 326 Fee Code 327 Fee Code 328 Fee Code 329 Fee Code 330 Fee Code 331 Fee Code 332 Fee Code 333 Fee Code 334 Fee Code 335 Fee Code 336 Fee Code 337 Fee Code 338 Fee Code 339 Fee Code 340 Fee Code 341 Fee Code 342 Fee Code 343 Fee Code 344 Fee Code 345 Fee Code 346 Fee Code 347 Fee Code 348 Fee Code 349 Fee Code 350 Fee Code 351 Fee Code 352 Fee Code 353 Fee Code 354 Fee Code 355 Fee Code 356 Fee Code 357 Fee Code 358 Fee Code 359 Fee Code 360 Fee Code 361 Fee Code 362 Fee Code 363 Fee Code 364 Fee Code 365 Fee Code 366 Fee Code 367 Fee Code 368 Fee Code 369 Fee Code 370 Fee Code 371 Fee Code 372 Fee Code 373 Fee Code 374 Fee Code 375 Fee Code 376 Fee Code 377 Fee Code 378 Fee Code 379 Fee Code 380 Fee Code 381 Fee Code 382 Fee Code 383 Fee Code 384 Fee Code 385 Fee Code 386 Fee Code 387 Fee Code 388 Fee Code 389 Fee Code 390 Fee Code 391 Fee Code 392 Fee Code 393 Fee Code 394 Fee Code 395 Fee Code 396 Fee Code 397 Fee Code 398 Fee Code 399 Fee Code 400 Fee Code 401 Fee Code 402 Fee Code 403 Fee Code 404 Fee Code 405 Fee Code 406 Fee Code 407 Fee Code 408 Fee Code 409 Fee Code 410 Fee Code 411 Fee Code 412 Fee Code 413 Fee Code 414 Fee Code 415 Fee Code 416 Fee Code 417 Fee Code 418 Fee Code 419 Fee Code 420 Fee Code 421 Fee Code 422 Fee Code 423 Fee Code 424 Fee Code 425 Fee Code 426 Fee Code 427 Fee Code 428 Fee Code 429 Fee Code 430 Fee Code 431 Fee Code 432 Fee Code 433 Fee Code 434 Fee Code 435 Fee Code 436 Fee Code 437 Fee Code 438 Fee Code 439 Fee Code 440 Fee Code 441 Fee Code 442 Fee Code 443 Fee Code 444 Fee Code 445 Fee Code 446 Fee Code 447 Fee Code 448 Fee Code 449 Fee Code 450 Fee Code 451 Fee Code 452 Fee Code 453 Fee Code 454 Fee Code 455 Fee Code 456 Fee Code 457 Fee Code 458 Fee Code 459 Fee Code 460 Fee Code 461 Fee Code 462 Fee Code 463 Fee Code 464 Fee Code 465 Fee Code 466 Fee Code 467 Fee Code 468 Fee Code 469 Fee Code 470 Fee Code 471 Fee Code 472 Fee Code 473 Fee Code 474 Fee Code 475 Fee Code 476 Fee Code 477 Fee Code 478 Fee Code 479 Fee Code 480 Fee Code 481 Fee Code 482 Fee Code 483 Fee Code 484 Fee Code 485 Fee Code 486 Fee Code 487 Fee Code 488 Fee Code 489 Fee Code 490 Fee Code 491 Fee Code 492 Fee Code 493 Fee Code 494 Fee Code 495 Fee Code 496 Fee Code 497 Fee Code 498 Fee Code 499 Fee Code 500 Fee Code 501 Fee Code 502 Fee Code 503 Fee Code 504 Fee Code 505 Fee Code 506 Fee Code 507 Fee Code 508 Fee Code 509 Fee Code 510 Fee Code 511 Fee Code 512 Fee Code 513 Fee Code 514 Fee Code 515 Fee Code 516 Fee Code 517 Fee Code 518 Fee Code 519 Fee Code 520 Fee Code 521 Fee Code 522 Fee Code 523 Fee Code 524 Fee Code 525 Fee Code 526 Fee Code 527 Fee Code 528 Fee Code 529 Fee Code 530 Fee Code 531 Fee Code 532 Fee Code 533 Fee Code 534 Fee Code 535 Fee Code 536 Fee Code 537 Fee Code 538 Fee Code 539 Fee Code 540 Fee Code 541 Fee Code 542 Fee Code 543 Fee Code 544 Fee Code 545 Fee Code 546 Fee Code 547 Fee Code 548 Fee Code 549 Fee Code 550 Fee Code 551 Fee Code 552 Fee Code 553 Fee Code 554 Fee Code 555 Fee Code 556 Fee Code 557 Fee Code 558 Fee Code 559 Fee Code 560 Fee Code 561 Fee Code 562 Fee Code 563 Fee Code 564 Fee Code 565 Fee Code 566 Fee Code 567 Fee Code 568 Fee Code 569 Fee Code 570 Fee Code 571 Fee Code 572 Fee Code 573 Fee Code 574 Fee Code 575 Fee Code 576 Fee Code 577 Fee Code 578 Fee Code 579 Fee Code 580 Fee Code 581 Fee Code 582 Fee Code 583 Fee Code 584 Fee Code 585 Fee Code 586 Fee Code 587 Fee Code 588 Fee Code 589 Fee Code 590 Fee Code 591 Fee Code 592 Fee Code 593 Fee Code 594 Fee Code 595 Fee Code 596 Fee Code 597 Fee Code 598 Fee Code 599 Fee Code 600 Fee Code 601 Fee Code 602 Fee Code 603 Fee Code 604 Fee Code 605 Fee Code 606 Fee Code 607 Fee Code 608 Fee Code 609 Fee Code 610 Fee Code 611 Fee Code 612 Fee Code 613 Fee Code 614 Fee Code 615 Fee Code 616 Fee Code 617 Fee Code 618 Fee Code 619 Fee Code 620 Fee Code 621 Fee Code 622 Fee Code 623 Fee Code 624 Fee Code 625 Fee Code 626 Fee Code 627 Fee Code 628 Fee Code 629 Fee Code 630 Fee Code 631 Fee Code 632 Fee Code 633 Fee Code 634 Fee Code 635 Fee Code 636 Fee Code 637 Fee Code 638 Fee Code 639 Fee Code 640 Fee Code 641 Fee Code 642 Fee Code 643 Fee Code 644 Fee Code 645 Fee Code 646 Fee Code 647 Fee Code 648 Fee Code 649 Fee Code 650 Fee Code 651 Fee Code 652 Fee Code 653 Fee Code 654 Fee Code 655 Fee Code 656 Fee Code 657 Fee Code 658 Fee Code 659 Fee Code 660 Fee Code 661 Fee Code 662 Fee Code 663 Fee Code 664 Fee Code 665 Fee Code 666 Fee Code 667 Fee Code 668 Fee Code 669 Fee Code 670 Fee Code 671 Fee Code 672 Fee Code 673 Fee Code 674 Fee Code 675 Fee Code 676 Fee Code 677 Fee Code 678 Fee Code 679 Fee Code 680 Fee Code 681 Fee Code 682 Fee Code 683 Fee Code 684 Fee Code 685 Fee Code 686 Fee Code 687 Fee Code 688 Fee Code 689 Fee Code 690 Fee Code 691 Fee Code 692 Fee Code 693 Fee Code 694 Fee Code 695 Fee Code 696 Fee Code 697 Fee Code 698 Fee Code 699 Fee Code 700 Fee Code 701 Fee Code 702 Fee Code 703 Fee Code 704 Fee Code 705 Fee Code 706 Fee Code 707 Fee Code 708 Fee Code 709 Fee Code 710 Fee Code 711 Fee Code 712 Fee Code 713 Fee Code 714 Fee Code 715 Fee Code 716 Fee Code 717 Fee Code 718 Fee Code 719 Fee Code 720 Fee Code 721 Fee Code 722 Fee Code 723 Fee Code 724 Fee Code 725 Fee Code 726 Fee Code 727 Fee Code 728 Fee Code 729 Fee Code 730 Fee Code 731 Fee Code 732 Fee Code 733 Fee Code 734 Fee Code 735 Fee Code 736 Fee Code 737 Fee Code 738 Fee Code 739 Fee Code 740 Fee Code 741 Fee Code 742 Fee Code 743 Fee Code 744 Fee Code 745 Fee Code 746 Fee Code 747 Fee Code 748 Fee Code 749 Fee Code 750 Fee Code 751 Fee Code 752 Fee Code 753 Fee Code 754 Fee Code 755 Fee Code 756 Fee Code 757 Fee Code 758 Fee Code 759 Fee Code 760 Fee Code 761 Fee Code 762 Fee Code 763 Fee Code 764 Fee Code 765 Fee Code 766 Fee Code 767 Fee Code 768 Fee Code 769 Fee Code 770 Fee Code 771 Fee Code 772 Fee Code 773 Fee Code 774 Fee Code 775 Fee Code 776 Fee Code 777 Fee Code 778 Fee Code 779 Fee Code 780 Fee Code 781 Fee Code 782 Fee Code 783 Fee Code 784 Fee Code 785 Fee Code 786 Fee Code 787 Fee Code 788 Fee Code 789 Fee Code 790 Fee Code 791 Fee Code 792 Fee Code 793 Fee Code 794 Fee Code 795 Fee Code 796 Fee Code 797 Fee Code 798 Fee Code 799 Fee Code 800 Fee Code 801 Fee Code 802 Fee Code 803 Fee Code 804 Fee Code 805 Fee Code 806 Fee Code 807 Fee Code 808 Fee Code 809 Fee Code 810 Fee Code 811 Fee Code 812 Fee Code 813 Fee Code 814 Fee Code 815 Fee Code 816 Fee Code 817 Fee Code 818 Fee Code 819 Fee Code 820 Fee Code 821 Fee Code 822 Fee Code 823 Fee Code 824 Fee Code 825 Fee Code 826 Fee Code 827 Fee Code 828 Fee Code 829 Fee Code 830 Fee Code 831 Fee Code 832 Fee Code 833 Fee Code 834 Fee Code 835 Fee Code 836 Fee Code 837 Fee Code 838 Fee Code 839 Fee Code 840 Fee Code 841 Fee Code 842 Fee Code 843 Fee Code 844 Fee Code 845 Fee Code 846 Fee Code 847 Fee Code 848 Fee Code 849 Fee Code 850 Fee Code 851 Fee Code 852 Fee Code 853 Fee Code 854 Fee Code 855 Fee Code 856 Fee Code 857 Fee Code 858 Fee Code 859 Fee Code 860 Fee Code 861 Fee Code 862 Fee Code 863 Fee Code 864 Fee Code 865 Fee Code 866 Fee Code 867 Fee Code 868 Fee Code 869 Fee Code 870 Fee Code 871 Fee Code 872 Fee Code 873 Fee Code 874 Fee Code 875 Fee Code 876 Fee Code 877 Fee Code 878 Fee Code 879 Fee Code 880 Fee Code 881 Fee Code 882 Fee Code 883 Fee Code 884 Fee Code 885 Fee Code 886 Fee Code 887 Fee Code 888 Fee Code 889 Fee Code 890 Fee Code 891 Fee Code 892 Fee Code 893 Fee Code 894 Fee Code 895 Fee Code 896 Fee Code 897 Fee Code 898 Fee Code 899 Fee Code 900 Fee Code 901 Fee Code 902 Fee Code 903 Fee Code 904 Fee Code 905 Fee Code 906 Fee Code 907 Fee Code 908 Fee Code 909 Fee Code 910 Fee Code 911 Fee Code 912 Fee Code 913 Fee Code 914 Fee Code 915 Fee Code 916 Fee Code 917 Fee Code 918 Fee Code 919 Fee Code 920 Fee Code 921 Fee Code 922 Fee Code 923 Fee Code 924 Fee Code 925 Fee Code 926 Fee Code 927 Fee Code 928 Fee Code 929 Fee Code 930 Fee Code 931 Fee Code 932 Fee Code 933 Fee Code 934 Fee Code 935 Fee Code 936 Fee Code 937 Fee Code 938 Fee Code 939 Fee Code 940 Fee Code 941 Fee Code 942 Fee Code 943 Fee Code 944 Fee Code 945 Fee Code 946 Fee Code 947 Fee Code 948 Fee Code 949 Fee Code 950 Fee Code 951 Fee Code 952 Fee Code 953 Fee Code 954 Fee Code 955 Fee Code 956 Fee Code 957 Fee Code 958 Fee Code 959 Fee Code 960 Fee Code 961 Fee Code 962 Fee Code 963 Fee Code 964 Fee Code 965 Fee Code 966 Fee Code 967 Fee Code 968 Fee Code 969 Fee Code 970 Fee Code 971 Fee Code 972 Fee Code 973 Fee Code 974 Fee Code 975 Fee Code 976 Fee Code 977 Fee Code 978 Fee Code 979 Fee Code 980 Fee Code 981 Fee Code 982 Fee Code 983 Fee Code 984 Fee Code 985 Fee Code 986 Fee Code 987 Fee Code 988 Fee Code 989 Fee Code 990 Fee Code 991 Fee Code 992 Fee Code 993 Fee Code 994 Fee Code 995 Fee Code 996 Fee Code 997 Fee Code 998 Fee Code 999 Fee Code 1000

## SUBMITTED BY

Name Print/Type

Scott C. Ausent

Registration No. Attorney/Agent

4, 177

Telephone

408 714

Signature

*Scott C. Ausent*

Date

2/1/2002